

Converting Colors

XYZ(71.2146, 70.3524, 52.4738)

Have a look what the booklet for
XYZ(71.2146, 70.3524, 52.4738)
contains.

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Color

**XYZ(71.2146, 70.3524,
52.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD3B3
RGB	251, 211, 179
RGB Percent	98%, 83%, 70%
CMY	0.0157, 0.1725, 0.2980
CMYK	0.00, 0.16, 0.29, 0.02
HSL	27°, 90%, 84%
HSV	27°, 29%, 98%
XYZ	71.2146, 70.3524, 52.4738
YIQ	219.3120, 34.1120, -1.4720

Conversions

Conversions Part 2

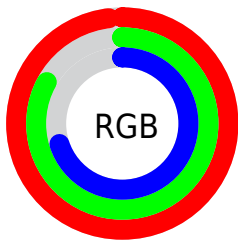
Format	Color
R _Y B	251, 237, 179
Decimal	16503731
CIE Lab	87.17, 9.43, 21.07
CIE LCh	87, 23.090, 65.883
Yxy	70.3524, 0.3670, 0.3626
Android (android.graphics.Color)	4294693811 (0xFFFBDB3B)
YUV	219.3120, -19.8738, 27.7904
Hunter-Lab	83.8763, 4.7705, 21.6211

Details

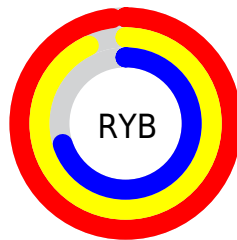
The XYZ color **71.2146, 70.3524, 52.4738** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3339, 67.2099, 101.0072**, and the grayscale version is **67.6672, 71.1912, 77.5272**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **37.9025, 36.7526, 24.8350** is the 20% darker color. If you saturate the color by 10%, you get **65.5890, 62.8005, 39.1937**, and if you desaturate by 10%, it is **77.6065, 78.6966, 68.2904**.

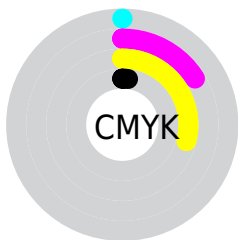
Distribution



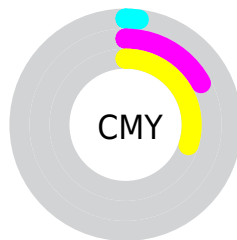
- Red (98%)
- Green (83%)
- Blue (70%)



- Red (98%)
- Yellow (93%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2146, 70.3524, 52.4738 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.2146, 70.3524, 52.4738 by changing the saturation by 10% instead.


 71.2146, 70.3524,
52.4738

 71.2146, 70.3524,
52.4738


454.0034,
461.7864, 413.2719

 52.8005, 51.8139,
36.9980


 119.9561,
119.7112, 95.2633

 37.8704, 36.8567,
24.9102

151.0142,
151.3002, 123.4141

 26.0589, 25.0966,
15.7917


187.0177,
188.0082, 156.6270

 17.0006, 16.1490,
9.2242

228.3320,
230.2195, 195.3206

 10.3302, 9.6297,
4.7889

275.3223,
278.3186, 239.9133

 5.6824, 5.1541,
2.0674

328.3541,

 2.6917, 2.3380,

332.6899, 290.8237

0.5962

387.7927,
393.7177, 348.4704

■ 0.9929, 0.7937,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2146, 70.3524,
52.4738

■ 71.2146, 70.3524,
52.4738

■ 65.5890, 62.8005,
39.1937

■ 77.6065, 78.6966,
68.2904

■ 60.6915, 56.0058,
28.3113

■ 84.7896, 87.8472,
86.7639

■ 56.4885, 49.9450,
19.6805

■ 92.7945, 97.8304,
108.0119

■ 52.9412, 44.5891,
13.1376

■ 93.5938, 99.2493,
108.8318

■ 50.0061, 39.9072,
8.4962

■ 47.6329, 35.8644,
5.5360

■ 45.7525, 32.4179,
3.9407

■ 45.5310, 32.0037,
3.7776

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6668, 70.3524, 60.4139



71.2146, 70.3524, 52.4738



65.8059, 70.3524, 50.5955

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2146, 70.3524, 52.4738



57.0329, 70.3524, 79.7004



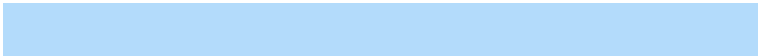
73.1606, 70.3524, 103.4013

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.2146, 70.3524, 52.4738



61.3339, 67.2099, 101.0072

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9412, 70.3524, 110.2709



71.2146, 70.3524, 52.4738



58.7789, 70.3524, 95.4503

Square

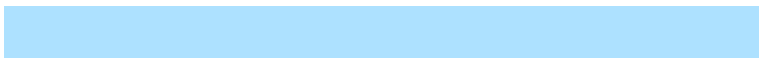
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2146, 70.3524, 52.4738



57.8046, 70.3524, 65.0484



62.7017, 70.3524, 107.1811



76.8321, 70.3524, 89.4480

Rectangle

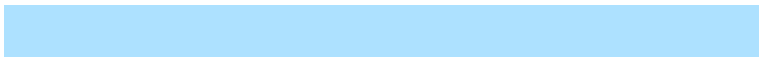
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2146, 70.3524, 52.4738



62.4232, 70.3524, 52.7764



62.7017, 70.3524, 107.1811



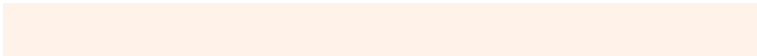
71.5186, 70.3524, 106.6955

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.2164, 70.3556, 52.4752



87.6397, 90.7432, 89.2773



68.7961, 57.9070, 75.1232



18.5161, 19.1166, 18.4773



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2164, 70.3556, 52.4752



70.6098, 68.6462, 46.7210



80.9374, 89.7975, 55.7156



17.8797, 18.4953, 18.0900



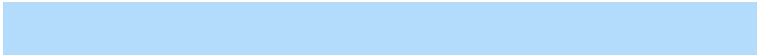
24.0729, 17.1025, 2.0323



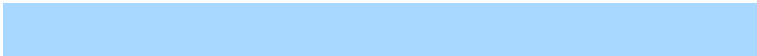
2.3334, 1.7917, 0.2229

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.3339, 67.2099, 101.0072



58.9364, 64.9259, 104.0334



53.1028, 50.7476, 98.2635



17.0826, 18.2421, 22.0060



14.1860, 13.7276, 49.8756



1.4196, 1.4829, 4.6546

Previews

White Background



This preview shows how the XYZ color 71.2146, 70.3524, 52.4738 looks on a white background.

Color Contrast Check

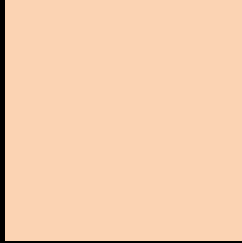
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.2146, 70.3524, 52.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

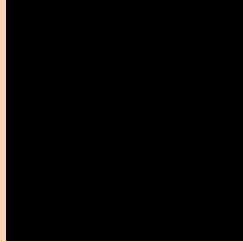
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2146, 70.3524, 52.4738

Background



This preview shows how black text looks on a background with the XYZ color 71.2146, 70.3524, 52.4738.



This preview shows how white text looks on a background with the XYZ color 71.2146, 70.3524,

52.4738.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.2146, 70.3524, 52.4738

Protanopia

66.4699, 70.5091, 54.3623

Deuteranopia

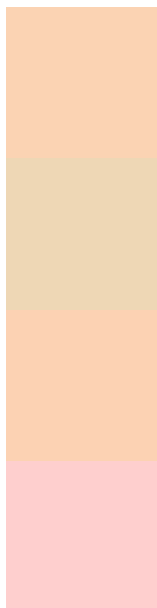
71.6913, 70.2305, 52.4251



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

71.2146, 70.3524, 52.4738

Protanomaly

67.9008, 70.1142, 53.6707

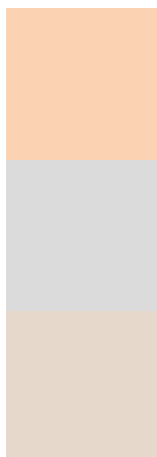
Deuteranomaly

71.3282, 70.0433, 52.4081

Tritanomaly

74.3265, 70.1527, 68.0159

Monochromacy



Original Color

71.2146, 70.3524, 52.4738

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.4099, 70.4603, 67.1213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2146, 70.3524, 52.4738 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 179) }
```

Border

The CSS property to change the border of an element to XYZ 71.2146, 70.3524, 52.4738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 211, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(251, 211, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(251, 211, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 211, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 211, 179); box-shadow:4px 4px 4px 4px rgb(251, 211, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2146, 70.3524, 52.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251,  
211, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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